

WHAT IS CLAIMED IS:

1. An information generating apparatus, comprising:
a control information adding device for adding permission control information to recording information, the permission control information controlling at least one of recording and reproduction of the recording information for each of predetermined regions.
2. The information generating apparatus according to claim 1, wherein:
the control information adding device further adds copy restriction information to the recording information, the copy restriction information restricting copy of the recording information for each of the regions after the recording information is recorded.
3. The information generating apparatus according to claim 2, wherein;
the permission control information and the copy restriction information include correlation information having a correlation for preventing tampering.
4. The information generating apparatus according to claim 1, wherein;
the permission control information further includes period information indicating a period for permitting at least one of recording or reproduction of the recording information.
5. An information reproducing apparatus for reproducing the recording information outputted with addition of permission control

information and copy restriction information, the permission control information controlling at least one of recording and reproduction of the recording information for each of predetermined regions, the copy restriction information restricting copy of the recording information after the recording information is recorded,

the recording information including unit copy restriction information for each unit of predetermined information,

the information reproducing apparatus, comprising:

a first extracting device for extracting the unit copy restriction information from the recording information,

a second extracting device for extracting the copy restriction information from the recording information,

a detecting device for detecting whether or not contents of the extracted unit copy restriction information and contents of the extracted copy restriction information coincide with each other, and

a reproduction control device for prohibiting reproduction of the recording information when the contents of the extracted unit copy restriction information and the contents of the copy restriction information do not coincide with each other.

6. An information reproducing apparatus for reproducing recording information outputted with addition of permission control information and copy restriction information, the permission control information controlling at least one of recording and reproduction of the recording information for each of predetermined regions and including correlation information having a correlation for preventing tampering, the copy restriction information including the correlation

information and restricting copy of the recording information after the recording information is recorded,

the information reproducing apparatus, comprising:

a first extracting device for extracting the permission control information from the recording information,

a second extracting device for extracting the copy restriction information from the recording information,

a detecting device for detecting presence or absence of tampering based on the correlation information included in the extracted permission control information and the extracted copy restriction information, and

a reproduction control device for prohibiting reproduction of the recording information when tampering is detected by the detecting device.

7. An information generating method, comprising a control information adding process of adding permission control information to recording information, the permission control information controlling at least one of recording or reproduction of the recording information for each of predetermined regions.

8. An information reproducing method for reproducing recording information outputted with addition of permission control information and copy restriction information, the permission control information controlling at least one of recording and reproduction of the recording information for each of predetermined regions, the copy restriction information restricting copy of the recording information after the recording information is recorded,

the recording information including unit copy restriction information for each unit of predetermined information,

the method, comprising:

a first extracting process of extracting the unit copy restriction information from the recording information,

a second extracting process of extracting the copy restriction information from the recording information,

a detecting process of detecting whether or not contents of the extracted unit copy restriction information and contents of the copy restriction information coincide with each other, and

a reproduction control process of prohibiting reproduction of the recording information when the contents of the extracted unit copy restriction information and the contents of the extracted copy restriction information do not coincide with each other.

9. An information reproducing method for reproducing recording information outputted with addition of permission control information and copy restriction information, the permission control information controlling at least one of recording and reproduction of the recording information for each of predetermined regions and including correlation information having a correlation for preventing tampering, the copy restriction information including the correlation information and restricting copy of the recording information after the recording information is recorded,

the method, comprising:

first extracting process of extracting the permission control information from the recording information,

second extracting process of extracting the copy restriction information from the recording information,

a detecting process of detecting presence or absence of tampering based on the correlation information included in the extracted permission control information and the extracted copy restriction information, and

a reproduction control process of prohibiting reproduction of the recording information when tampering is detected by the detecting process.

10. A computer program representing a sequence of instructions, which is executed by a generating computer included in the information generating apparatus, the instructions cause the computer to function as a control information adding device for adding permission control information to recording information, the permission control information controlling at least one of recording or reproduction of recording information for each of predetermined regions.

11. A computer program representing a sequence of instructions, which is executed by a reproducing computer, the instructions cause the computer to function as:

first extracting device for extracting unit copy restriction information from recording information,

second extracting device for extracting copy restriction information from the recording information,

a detecting device for detecting whether or not contents of the extracted unit copy restriction information and contents of the extracted copy restriction information coincide with each other, and

a reproduction control device for prohibiting reproduction of the recording information when the contents of the extracted unit copy restriction information and the contents of the copy restriction information do not coincide with each other,

the reproducing computer being included in an information reproducing apparatus for reproducing the recording information outputted with addition of the permission control information and the copy restriction information, the permission control information controlling, for each of predetermined regions, at least one of recording or reproduction of the recording information including unit copy restriction information for each unit of predetermined information constituting the recording information, the copy restriction information restricting copy of the recording information after the recording information is recorded.

12. A computer program representing a sequence of instructions, which is executed by a reproducing computer, the instructions cause the computer to function as:

first extracting device for extracting permission control information from recording information,

second extracting device for extracting copy restriction information from the recording information,

a detecting device for detecting presence or absence of tampering based on correlation information included in the extracted

permission control information and the extracted copy restriction information, and

a reproduction control device for prohibiting reproduction of the recording information when tampering is detected by the detecting device,

the reproducing computer being included in an information reproducing apparatus for reproducing the recording information outputted with addition of the permission control information and the copy restriction information, the permission control information controlling at least one of recording and reproduction of the recording information for each of predetermined regions and including correlation information having a correlation for preventing tampering, the copy restriction information including the correlation information and restricting copy of the recording information after the recording information is recorded.

13. An information recording medium in which a program for an information generating is recorded so as to be readable by a computer included in an information generating apparatus, wherein the program allows the computer to function as a control information adding device for adding permission control information to recording information, the permission control information controlling at least one of recording or reproduction of recording information for each of predetermined regions.

14. An information recording medium in which a program for an information reproduction is recorded so as to be readable by a computer, wherein the program allows the computer to function as:

first extracting device for extracting unit copy restriction information from recording information,

second extracting device for extracting copy restriction information from the recording information,

a detecting device for detecting whether or not contents of the extracted unit copy restriction information and contents of the extracted copy restriction information coincide with each other, and

a reproduction control device for prohibiting reproduction of the recording information when the contents of the extracted unit copy restriction information and the contents of the copy restriction information do not coincide with each other,

the reproducing computer being included in an information reproducing apparatus for reproducing the recording information outputted with addition of the permission control information and the copy restriction information, the permission control information controlling, for each of predetermined regions, at least one of recording or reproduction of the recording information including unit copy restriction information for each unit of predetermined information constituting the recording information, the copy restriction information restricting copy of the recording information after the recording information is recorded.

15. An information recording medium in which a program for an information reproduction is recorded so as to be readable by a computer, wherein the program allows the computer to function as:

first extracting device for extracting permission control information from recording information,

second extracting device for extracting copy restriction information from the recording information,

a detecting device for detecting presence or absence of tampering based on correlation information included in the extracted permission control information and the extracted copy restriction information, and

a reproduction control device for prohibiting reproduction of the recording information when tampering is detected by the detecting device,

the reproducing computer being included in an information reproducing apparatus for reproducing the recording information outputted with addition of the permission control information and the copy restriction information, the permission control information controlling at least one of recording and reproduction of the recording information for each of predetermined regions and including correlation information having a correlation for preventing tampering, the copy restriction information including the correlation information and restricting copy of the recording information after the recording information is recorded.

16. A recording medium for storing recording information and control information, the recording information serving as a target of at least one of recording and reproduction, the control information controlling one of the recording and reproduction using the recording information,

the recording medium, comprising:

a recording information recording region for recording the recording information with addition of the permission control

information for controlling one of the recording and reproduction for each of predetermined regions, and

a control information recording region for recording the control information.

17. The recording medium according to claim 16, wherein copy restriction information is further added to the recording information, the copy restriction information restricting copy for each of the regions after the recording information is recorded.

18. The recording medium according to claim 17, wherein the permission control information and the copy restriction information include correlation information having a correlation for preventing tampering.

19. The recording medium according to claim 16, wherein the permission control information further includes period information for permitting at least one of recording and reproduction of the recording information.